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BIOTECHNOLOGY SYST[redacted]MS CH

CRF Problem Report

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer-readable form (CRF):

Application Serial Number: 09/743347

Filing Date: 1/08/01

Date Processed by STIC: 09/24/01

STIC Contact: **Mark Spencer, 703-308-4212**

Nature of Problem:

The CRF (was):

____ (circle one) Damaged or Unreadable (for Unreadable, see attached)

____ Blank (no files on CRF) (see attached)

____ Empty file (filename present, but no bytes in file) (see attached)

____ Virus-infected. Virus name: _____ The STIC will not process the CRF.

____ Not saved in ASCII text

____ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should **only** be the Sequence Listing.

__✓__ Did not contain a Sequence Listing. (see attached sample)

____ Other:

_____

PLEASE USE THE CHECKER VERSION 3.0 PROGRAM TO REDUCE ERRORS. SEE BELOW FOR DETAILS:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

http://www.uspto.gov/web/offices/pac/checker

DI …-ñ > _

y _ _

Root
Entry `+¦€I □
>DEST
rrf A_ PerfectOffice_MAIN
& 5 Perfect
Office_OBJECTS ,
…$f A…$f A

File Unreadable
Encrypted text
file unintelligeable
Actual file Contents as of
10/16/01
1:50 pm
MH
Morriam Harper

Does Not Comply
Corrected Diskette Needed

99/743[illegible]17

DI …-ñ

SEQUENCE LISTING

<110> Korneluk, Robert G.
Holcik, Martin
Liston, Peter

<120> XIAP IRES AND USES THEREOF

<130> 07891/021003

<140> 09/743,347
<141> 2001-01-08

<150> PCT/IB99/01415
<151> 1999-07-22

<150> 09/121,979
<151> 1998-07-24

<150> 09/332,319
<151> 1999-06-14

<160> 30

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 295
<212> DNA
<213> Mus musculus

<400> 1
atgtgtttgg cattatgtga agcccaaaca ctaaaaaagg agaacaaaca aaagcgcaga 60
ctttaaaact caagtggttt ggtaatgtac gactctactg tttagaatta aaatgtgtct 120
tagttattgt gccattattt ttatgtcatc actggataat atattagtgc ttagtatcag 180
aaatagtcct tatgctttgt gttttgaagt tcctaatgca atgttctctt tctagaaaag 240
gtggacaagt cctattttcc agagaagatg acttttaaca gttttgaagg aacta 295

<210> 2
<211> 299
<212> DNA
<213> Homo sapiens

<400> 2
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ttactttatg acttgaatga tgtggtaatg tcgaactcta gtatttagaa ttagaatgtt 120
tcttagcggt cgtgtagtta tttttatgtc ataagtggat aatttgttag ctcctataac 180
aaaagtctgt tgcttgtgtt tcacattttg gatttcctaa tataatgttc tctttttaga 240
aaaggtggac aagtcctatt ttcaagagaa gatgactttt aacagttttg aaggatcta 299

<210> 3
<211> 711
<212> DNA
<213> Homo sapiens

<400> 3

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gagcagcttg caagagctgg attttatgct ataggtcaag aggataaagt acagtgcttt 120
cactgtggag gagggctagc caactggaag cccaaggaag atccttggga acagcatgct 180
aaatggtatc caggttgcaa atatctgcta gaagagaagg gacatgaata tataaacaac 240
attcatttaa cccgttcact tgagggagct ctggtacaaa ctaccaagaa aacaccatca 300
ctaactaaaa gaatcagtga taccatcttc cctaatccta tgctacaaga agctatacga 360
atgggatttg atttcaagga cgttaagaaa ataatggagg aaagaattca aacatctggg 420
agcaactata aaacgcttga ggttcttgtt gcagatctag tgagcgctca gaaagacact 480
acagaaaatg aattgaatca gacttcattg cagagagaaa tcagccctga agagccgcta 540
aggcgtctgc aagaggagaa gctttgtaaa atctgcatgg acagatatat cgctgttgtt 600
tttattcctt gtggacatct ggtcacttgt aaacaatgtg ctgaagcagt tgacagatgt 660
cccatgtgca gcgcggttat tgatttcaag caaagagttt ttatgtctta a 711

<210> 4
<211> 236
<212> PRT
<213> Homo sapiens

<400> 4
Met Thr Gly Tyr Glu Ala Arg Leu Ile Thr Phe Gly Thr Trp Met Tyr
1 5 10 15
Ser Val Asn Lys Glu Gln Leu Ala Arg Ala Gly Phe Tyr Ala Ile Gly
20 25 30
Gln Glu Asp Lys Val Gln Cys Phe His Cys Gly Gly Gly Leu Ala Asn
35 40 45
Trp Lys Pro Lys Glu Asp Pro Trp Glu Gln His Ala Lys Trp Tyr Pro
50 55 60
Gly Cys Lys Tyr Leu Leu Glu Glu Lys Gly His Glu Tyr Ile Asn Asn
65 70 75 80
Ile His Leu Thr Arg Ser Leu Glu Gly Ala Leu Val Gln Thr Thr Lys
85 90 95
Lys Thr Pro Ser Leu Thr Lys Arg Ile Ser Asp Thr Ile Phe Pro Asn
100 105 110
Pro Met Leu Gln Glu Ala Ile Arg Met Gly Phe Asp Phe Lys Asp Val
115 120 125
Lys Lys Ile Met Glu Glu Arg Ile Gln Thr Ser Gly Ser Asn Tyr Lys
130 135 140
Thr Leu Glu Val Leu Val Ala Asp Leu Val Ser Ala Gln Lys Asp Thr
145 150 155 160
Thr Glu Asn Glu Leu Asn Gln Thr Ser Leu Gln Arg Glu Ile Ser Pro
165 170 175
Glu Glu Pro Leu Arg Arg Leu Gln Glu Glu Lys Leu Cys Lys Ile Cys
180 185 190
Met Asp Arg Tyr Ile Ala Val Val Phe Ile Pro Cys Gly His Leu Val
195 200 205
Thr Cys Lys Gln Cys Ala Glu Ala Val Asp Arg Cys Pro Met Cys Ser
210 215 220
Ala Val Ile Asp Phe Lys Gln Arg Val Phe Met Ser
225 230 235

<210> 5
<211> 12
<212> DNA
<213> Homo sapiens

<400> 5
tgttctcttt tt 12

<210> 6
<211> 12
<212> DNA
<213> Homo sapiens

<400> 6
aaaaagagaa ca 12

<210> 7
<211> 15
<212> DNA
<213> Homo sapiens

<400> 7
gtttcttagc ggtcg 15

<210> 8
<211> 15
<212> DNA
<213> Homo sapiens

<400> 8
cgaccgctaa gaaac 15

<210> 9
<211> 15
<212> RNA
<213> Homo sapiens

<400> 9
cgaccgcuaa gaaac 15

<210> 10
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (1)...(1)
<223> Wild-type polypyrimidine tract.

<400> 10
uguucucuuu uu 12

<210> 11
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (1)...(12)
<223> Positions 1 and 3-12 are mutated.

<400> 11
agaagagaaa aa 12

<210> 12
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (1)...(12)
<223> Positions 1-2, 7, and 8-12 are mutated.

<400> 12
cuuucuuucc cc 12

<210> 13
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (1)...(2)
<223> Positions 1-2 are mutated.

<400> 13
aauucucuuu uu 12

<210> 14
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (3)...(4)
<223> Positions 3-4 are mutated.

<400> 14
ugaacucuuu uu 12

<210> 15
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (5)...(6)
<223> Positions 5-6 are mutated.

<400> 15
uguuaacuuu uu 12

<210> 16
<211> 12
<212> RNA
<213> Homo sapiens

<220>

<221> variation
<222> (7)...(8)
<223> Positions 7-8 are mutated.

<400> 16
uguucuaauu uu 12

<210> 17
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (9)...(10)
<223> Positions 9-10 are mutated.

<400> 17
uguucucuaa uu 12

<210> 18
<211> 12
<212> RNA
<213> Homo sapiens

<220>
<221> variation
<222> (11)...(12)
<223> Positions 11-12 are mutated.

<400> 18
uguucucuuu aa 12

<210> 19
<211> 268
<212> DNA
<213> Homo sapiens

<400> 19
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ctttatgact tgaatgatgt ggtaatgtcg aactctagta tttagaatta gaatgtttct 120
tagcggtcgt gtagttattt ttatgtcata agtggataat ttgttagctc ctataacaaa 180
agtctgttgc ttgtgtttca cattttggat ttcctaatat aatgttctct ttttagaaaa 240
ggtggacaag tcctattttc aagagaag 268

<210> 20
<211> 267
<212> DNA
<213> Mus musculus

<400> 20
atgtgtttgg cattatgtga agcccaaaca ctaaaaaagg agaacaaaca aaagcgcaga 60
ctttaaaact caagtggttt ggtaatgtac gactctactg tttagaatta aaatgtgtct 120
tagttattgt gccattattt ttatgtcatc actggataat atattagtgc ttagtatcag 180
aaatagtcct tatgctttgt gttttgaagt tcctaatgca atgttctctt tctagaaaag 240
gtggacaagt cctattttcc agagaag 267

<210> 21

<211> 163
<212> DNA
<213> Homo sapiens

<400> 21
aattagaatg tttcttagcg gtcgtgtagt tatttttatg tcataagtgg ataatttgtt 60
agctcctata acaaaagtct gttgcttgtg tttcacattt tggatttcct aatataatgt 120
tctcttttta gaaaaggtgg acaagtccta ttttcaagag aag 163

<210> 22
<211> 162
<212> DNA
<213> Mus musculus

<400> 22
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agtgcttagt atcagaaata gtccttatgc tttgtgtttt gaagttccta atgcaatgtt 120
ctctttctag aaaaggtgga caagtcctat tttccagaga ag 162

<210> 23
<211> 103
<212> DNA
<213> Homo sapiens

<400> 23
agctcctata acaaaagtct gttgcttgtg tttcacattt tggatttcct aatataatgt 60
tctcttttta gaaaaggtgg acaagtccta ttttcaagag aag 103

<210> 24
<211> 102
<212> DNA
<213> Mus musculus

<400> 24
agtgcttagt atcagaaata gtccttatgc tttgtgtttt gaagttccta atgcaatgtt 60
ctctttctag aaaaggtgga caagtcctat tttccagaga ag 102

<210> 25
<211> 83
<212> DNA
<213> Homo sapiens

<400> 25
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acaagtccta ttttcaagag aag 83

<210> 26
<211> 83
<212> DNA
<213> Mus musculus

<400> 26
agtccttatg ctttgtgttt tgaagttcct aatgcaatgt tctctttcta gaaaaggtgg 60
acaagtccta ttttccagag aag 83

<210> 27
<211> 129
<212> DNA

<213> Homo sapiens

<400> 27
aattagaatg tttcttagcg gtcgtgtagt tatttttatg tcataagtgg ataatttgtt 60
agctcctata acaaaagtct gttgcttgtg tttcacattt tggatttcct aatataatgt 120
tctcttttt 129

<210> 28
<211> 128
<212> DNA
<213> Mus musculus

<400> 28
aattaaaatg tgtcttagtt attgtgccat tatttttatg tcatcactgg ataatatatt 60
agtgcttagt atcagaaata gtccttatgc tttgtgtttt gaagttccta atgcaatgtt 120
ctctttct 128

<210> 29
<211> 234
<212> DNA
<213> Homo sapiens

<400> 29
tattctgcct gcttaaatat tactttcctc aaaaagagaa aacaaaaatg ctagatttta 60
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tagcggtcgt gtagttattt ttatgtcata agtggataat ttgttagctc ctataacaaa 180
agtctgttgc ttgtgtttca cattttggat ttcctaatat aatgttctct tttt 234

<210> 30
<211> 233
<212> DNA
<213> Mus musculus

<400> 30
atgtgtttgg cattatgtga agcccaaaca ctaaaaaagg agaacaaaca aaagcgcaga 60
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tagttattgt gccattattt ttatgtcatc actggataat atattagtgc ttagtatcag 180
aaatagtcct tatgctttgt gttttgaagt tcctaatgca atgttctctt tct 233